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ABSTRACT

While this report is in response to legislation which requires sex equity personnel to gather, analyze, and disseminate data on the status of men and women in vocational education, it also is a means of informing educators and members of the community about the particpation of males and females in vocational education. The report provides enrollment data by sex of students enrolled in the Ohio vocational education programs. The first chart presents the enrollment data by sex of students enrolled in the major vocational education service areas. Both the number and percentage of male and female students enrolled during 1983, 1984, and 1985 are provided. The accompanying narrative reports that students continue to choose courses and make career decisions based on sex-stereotyped expectations. The second chart contains the percentages and numbers of males and females in the following areas of vocational education employment: instructors and personnel in local administrative/supervisory, local program/support, and state administrative/supervisory positions. The narrative states that the number and percentage of females in local administrative/supervisory, local program/support, and state administrative/supervisory positions increased from 1984 to 1985. The next two charts present the male and female enrollment in associate degree programs and in long-term adult programs during 1983, 1984, and 1985. The report concludes with summaries of 58 minigrants ($600) funded by the Office of Sex Equity, Division of Vocational and Career Education, Ohio Department of Education, during the 1984-85 school year. These activities of school districts, joint vocational schools, and other agencies are in response to the division's goal of improving sex equity in vocational and technical education programs. (YLB)

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Status Report

On Male and Female Students and Employees in Ohio Vocational Education 1983-1985

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STATE OF OHIO
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DARRELL L. PARKS, DIRECTOR
VOCATIONAL AND CAREER EDUCATION
907 OHIO DEPARTMENTS BUILDING
65 South Front Street
Columbus, Ohio 43215

TO: Recipients of **"Status Report on Male and Female Students and Employees in Ohio Vocational Education"**

FROM: *Darrell L. Parks, Director*
Vocational and Career Education

SUBJ: Status Report on Male and Female Students and Employees in Ohio Vocational Education

I am pleased to provide you with the enclosed "Status Report on Male and Female Students and Employees in Ohio Vocational Education."

While this report is in response to legislation which requires sex equity personnel to gather, analyze, and disseminate data on the status of men and women in vocational education, it also is a means of informing educators and members of the community about the participation of males and females in vocational education. This information will be used as we plan the future of vocational education in Ohio on both the state level and local level.

Vocational educators in Ohio are continually attempting to make students aware of career options, especially those in nontraditional occupational areas. Through sex equity activities we are encouraging all students to make course and career choices based on individual interests, abilities, and goals—not on stereotyped roles.

We have made progress in achieving sex equity in Ohio's vocational education programs, but the challenge to provide equity for all vocational students and employees is still before us.

"An Equal Opportunity Employer"

1985
STATUS REPORT ON MALE AND FEMALE STUDENTS AND EMPLOYEES IN OHIO VOCATIONAL EDUCATION

Prepared by
Carol J. Whitney
Sex Equity Supervisor
Division of Vocational and Career Education
Ohio Department of Education
Columbus, Ohio 43215

SEX EQUITY IN VOCATIONAL EDUCATION

Title IX of the Education Amendments of 1972 prohibits discrimination on the basis of sex in programs and activities receiving federal financial assistance.

Title II of the Carl D. Perkins Vocational Education Act of 1984 requires vocational educators to take active positive steps to eliminate sex bias and sex stereotyping in vocational education programs. The Division of Vocational and Career Education provides staff, technical assistance, and resources for vocational educators to utilize in achieving equity in their programs, policies, and procedures.

In addition to the legislation regarding sex equity, Section 504 of the Rehabilitation Act of 1973 prohibits discrimination on the basis of handicap in vocational programs, and Title VI of the Civil Rights Act of 1964 prohibits discrimination on the basis of race, color, and national origin.

REPORT ON THE STATUS OF MALE AND FEMALE STUDENTS IN OHIO VOCATIONAL EDUCATION PROGRAMS

The enrollment data by sex of students enrolled in the major vocational education service areas is presented on the following page. Both the number and percent of male and female students enrolled during 1983, 1984, and 1985 are presented.

While efforts at the state and local level to reduce sex bias and sex stereotyping have had a positive effect, the data show that males and females enrolled primarily in traditional occupational areas. There are some increases in specific service areas in nontraditional enrollment. Male students in business education increased one percent from 1984 to 1985. Female agriculture students remained about the same for the three year period. Home economics, consumer and homemaking posted a gain of one percent male enrollment from 1984 to 1985. Female enrollment in trade and industrial education increased one percent from 1984 to 1985. Health education male enrollment remained the same.

SUMMARY

The data indicate that students continue to choose courses and make career decisions based on sex stereotyped expectations. Students are influenced by a number of persons regarding career decisions—parents, peers, and school personnel. These various populations may have different career expectations for males and females which reflect the attitude that students should select socially accepted occupational roles.

In addition to providing vocational educators with an awareness of sex equity issues, it is important that students and parents be presented information that will encourage students to consider occupations, including nontraditional careers and vocational programs, without regard to sex. The goal and challenge before us is to ensure that students select courses and pursue careers based on individual interests, abilities, and goals, rather than on stereotypes.

SECONDARY (9-12) MALE AND FEMALE STUDENT ENROLLMENT 1983-1985

	Male	(#)	Female	(#)	Year
Agriculture	84%	(16,993)	16%	(3,263)	1983
Education	84%	(16,256)	16%	(3,136)	1984
	84%	(15,898)	16%	(3,097)	1985
Business	8%	(2,033)	92%	(23,450)	1983
Education	10%	(2,419)	90%	(22,195)	1984
	11%	(2,594)	89%	(20,697)	1985
Marketing	52%	(10,180)	48%	(9,347)	1983
Education	53%	(10,154)	47%	(8,848)	1984
	53%	(10,007)	47%	(8,905)	1985
Home Economics	24%	(1,797)	76%	(5,559)	1983
Gainful	26%	(1,806)	74%	(5,158)	1984
(Job Training)	26%	(1,752)	74%	(4,868)	1985
Home Economics	27%	(27,960)	73%	(75,085)	1983
Useful (Consumer &	29%	(29,528)	71%	(72,024)	1984
Homemaking Education)	30%	(29,186)	70%	(69,478)	1985
Trade and	79%	(46,228)	21%	(12,459)	1983
Industrial Education	78%	(43,473)	22%	(12,422)	1984
	77%	(40,518)	23%	(12,206)	1985
Health	7%	(266)	93%	(3,820)	1983
Education	7%	(269)	93%	(3,841)	1984
	7%	(259)	93%	(3,515)	1985

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MALE AND FEMALE EMPLOYEES IN OHIO VOCATIONAL EDUCATION 1983-85

The following pages contain the percentages and numbers of males and females in four areas of vocational education employment: instructors and personnel in local administrative/supervisory, local program/support, and state administrative/supervisory positions.

The percentage of male and female instructors in Business Education has remained the same for three years. The percentage of male instructors in Marketing Education increased by five percent from 1984 to 1985.

The number and percentage of females in local administrative/supervisory, local program/support, and state administrative/supervisory positions increased from 1984 to 1985.

SECONDARY VOCATIONAL EMPLOYEE REPORT
BY JOB CATEGORY AND SERVICE AREA
1983-1985

INSTRUCTORS

	Male	(#)	Female	(#)	Year
Agriculture	90%	(979)	10%	(110)	1983
Education	87%	(759)	13%	(110)	1984
	88%	(745)	12%	(103)	1985
Business	29%	(777)	71%	(1,901)	1983
Education	29%	(753)	71%	(1,803)	1984
	29%	(733)	71%	(1,764)	1985
Marketing	70%	(1,523)	30%	(651)	1983
Education	73%	(1,205)	27%	(445)	1984
	78%	(1,105)	22%	(311)	1985
Home Economics	16%	(95)	84%	(494)	1983
Gainful (Job Training)	17%	(96)	83%	(477)	1984
	16%	(87)	84%	(466)	1985
Home Economics	5%	(82)	95%	(1,694)	1983
Useful (Consumer	4%	(72)	96%	(1,583)	1984
and Homemaking Education)	3%	(50)	97%	(1,640)	1985
Trade and Industrial	80%	(5,665)	20%	(1,450)	1983
Education	78%	(5,087)	22%	(1,429)	1984
	79%	(5,068)	21%	(1,314)	1985
Local Administrative/	66%	(526)	34%	(271)	1983
Supervisory	67%	(503)	33%	(245)	1984
	64%	(517)	36%	(297)	1985
Local Program/	59%	(308)	41%	(218)	1983
Support	64%	(297)	36%	(165)	1984
	62%	(293)	38%	(178)	1985
State Administrative/	64%	(63)	36%	(36)	1983
Supervisory	69%	(58)	31%	(26)	1984
	66%	(54)	34%	(28)	1985

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MALE AND FEMALE ADULT STUDENTS IN OHIO VOCATIONAL EDUCATION

1983-1985

Adult vocational education serves out-of-school youth and adults. Programs are offered in all occupational fields through long-term (540 hours or more) and short-term classes. Associate degree programs are also offered. Short-term programs consist of eight or more hours of instruction for upgrading or retraining employed workers. The following pages present the male and female enrollment in associate degree programs and in long-term adult programs during 1983, 1984, and 1985.

POST-SECONDARY ASSOCIATE DEGREE
MALE AND FEMALE ENROLLMENT
1983-1985

	Male	(#)	Female	(#)	Year
Agriculture	68%	(1,117)	32%	(529)	1983
Education	72%	(1,259)	28%	(488)	1984
	75%	(1,233)	25%	(411)	1985
Business	35%	(2,395)	65%	(4,377)	1983
Education	34%	(2,481)	66%	(4,756)	1984
	32%	(2,057)	68%	(4,407)	1985
Marketing	53%	(540)	47%	(471)	1983
Education	54%	(591)	46%	(502)	1984
	55%	(584)	45%	(486)	1985
Home Economics	20%	(101)	80%	(392)	1983
Gainful	19%	(89)	81%	(375)	1984
(Job Training)	18%	(68)	82%	(312)	1985
Trade and	13%	(662)	87%	(4,374)	1983
Industrial and Health	15%	(850)	85%	(4,693)	1984
Education	16%	(831)	84%	(4,351)	1985
Technical	91%	(5,448)	9%	(563)	1983
Education	90%	(5,492)	10%	(623)	1984
	88%	(5,054)	12%	(692)	1985

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LONG-TERM ADULT MALE AND FEMALE ENROLLMENT
1983-1985

	Male	(#)	Female	(#)	Year
Agriculture	55%	(1,561)	45%	(1,283)	1983
Education	57%	(1,592)	43%	(1,196)	1984
	58%	(1,463)	42%	(1,072)	1985
Business	12%	(472)	88%	(3,554)	1983
Education	19%	(976)	81%	(4,187)	1984
	17%	(995)	83%	(4,725)	1985
Marketing	37%	(7,259)	63%	(12,533)	1983
Education	50%	(2,298)	50%	(2,272)	1984
	46%	(2,314)	54%	(2,730)	1985
Home Economics	27%	(431)	73%	(1,177)	1983
Gainful (Job Training)	21%	(630)	79%	(2,345)	1984
	17%	(543)	83%	(2,643)	1985
Trade and Industrial	61%	(9,544)	39%	(6,146)	1983
and Health Education	59%	(8,456)	41%	(5,928)	1984
	63%	(9,507)	37%	(5,508)	1985

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SEX EQUITY GRANTS

The following are summaries of mini-grants ($600) funded by the Office of Sex Equity, Division of Vocational and Career Education, Ohio Department of Education, during the 1984-85 school year. The source of funding for these grants is Public Law 94-482, the Vocational Education Act of 1976.

These activities are in response to the Division of Vocational and Career Education's goal of improving sex equity in vocational and technical education programs. This goal can only be accomplished through efforts at the local level to reduce sex bias, discrimination and stereotyping in all vocational education programs and activities.

AKRON PUBLIC SCHOOLS: *Improving the Vocational Information Network.* Junior and senior high school counselors in the district were consulted to determine the best format for vocational program brochures. Non-biased pictures for the brochures were taken and selected by teachers and coordinators. All brochure information has been or is being organized into the developed format, and printing of five of the 41 brochures was done by the business graphics class. Contact Richard Hoover, 70 North Broadway Street, Akron 44308.

APOLLO JOINT VOCATIONAL SCHOOL: *Economic Opportunity and Career Day.* An Economic Opportunity and Career Day was held for those in the community who are considering a career change or are considering going into their own business. Focus on Entrepreneurship was the theme for the day, which featured speakers from the area with expertise in business and career planning. Contact Lynne D. Hall, 2225 Shawnee Road, Lima 45806.

ASHLAND COUNTY-WEST HOLMES JVS: *Learning Center Emphasizing Sex Equity.* Three workable teaching learning centers were established to teach the importance of choosing the proper career: 1) Career info-for everyone; 2) Non-trade roles in the work force; 3) Student-made filmstrip titled "Jobs for Everyone," featuring the "fingerprint" people. Contact Harry Copper, 1783 St. Rt. 60, Rd. 6, Ashland 44805.

ASHTABULA COUNTY JVS: *World of Work (WOW).* Seventy-six seventh and eighth grade students from the feeder schools participated in a week-long program in which they were involved with hands-on experiences in ten different vocational areas (two each day). The primary goal was to make the students cognizant of career choices in nontraditional occupations. Contact Jerry Smith, 1565 State Route 167, Jefferson 44047.

BELMONT-HARRISON AREA VOCATIONAL SCHOOL DISTRICT: *Recruitment of Nontraditional Students.* A free-standing lighted promotional kiosk was built. Pictures of nontraditional students engaged in vocational education were enlarged and are a part of the display. The kiosk has been on display in the front hall of the career center this year and will move to local schools next year to promote vocational education programs. Contact Gwen Morgenstern, 82500 Cadiz-Jewett Rd., Cadiz 43907.

CENTRAL STATE UNIVERSITY: *Slide/Tape Presentation to Promote Industrial Arts.* Slides of industrial arts students were taken while involved in laboratory activities, using the new curriculum format. These slides were then put in order so that the narrator could elaborate upon the new curriculum. A script was written and the entire show was synchronized. Contact Stephen O. Bruno, Wilberforce 45384.

CINCINNATI TECHNICAL COLLEGE: *Resource Directory for Returning Women Students.* A women's resource directory was designed to assist returning female students in making decisions about career choice and preparation for technical education. The brochure also includes information on college study skills and college jargon, consumer questions for potential college students, and a listing of college and community referral agencies. Contact Diane Stump, Miriam Carle or Linda Meador, 3520 Central Parkway, Cincinnati 45223.

CLAY LOCAL SCHOOLS: *Male/Female: Changing Lifestyles.* The 36 members of the junior class of Clay High School were surveyed to identify specific needs in regard to sex equity issues. Resources including posters, books, pamphlets, and magazine articles were displayed in the library for the entire student body. A senior student presented a research project entitled "Women's Equality is Finally Emerging in Modern Society" to the junior class. The presentation was videotaped for future use. Two film-strips, "Perception and Prejudice" and "Male and Female Lifestyles," were shown to the junior class. A follow-up survey concluded the project. Contact Cindy Parkes, Rt. 3, Box 202, Portsmouth 45662.

COLUMBIANA COUNTY JVS: *I'm Sold on the JVS.* Promotional posters (11" x 17") featuring "I'm Sold on the JVS" testimonials from students were printed and distributed to schools, community agencies, and businesses. Each of the 17 posters included a photo of the student, general information about him or her, and a statement about the school. Contact Susan Stephens, 9364 State Route 45, Lisbon 44432.

DAYTON BOARD OF EDUCATION SCHOOL OF PRACTICAL NURSING: *Perceive, Achieve, Believe.* A 72-hour course was initiated in January 1985 as an Allied Health preparatory program. The course consisted of classroom instruction and individualized assistance in stress management, reading and study skills, science, medical terminology, test taking, and communication skills. Perceive, Achieve, Believe was designed to enhance the academic, social, and cultural skills of nontraditional students planning to enter allied health training programs. Contact Marjorie K. Lahm, 2013 West Third Street, Dayton 45417.

EAST CLEVELAND CITY SCHOOLS: *Equal Opportunity in Vocational Education.* The recruiting brochure for students at Shaw High School was revised. An information sheet was printed regarding credits, length of program, prerequisites, costs, and general enrollment information. Contact Robert J. Osborne, 15305 Terrace Road, East Cleveland 44112.

EHOVE JVS: *Orientation to Vocational Careers.* A pamphlet was developed, written and published to correlate fifth grade programs on vocational awareness. An unbiased video cassette and demonstration were presented to fifth grade students in the VEPD. Contact Jan Bankieris, 316 W. Mason Road, Milan 44846.

FINDLAY CITY SCHOOLS: *CHOICE (Choosing Her Options in Career Exploration).* This is a supplemental grant used in conjunction with a grant received from the Dorney Foundation. A 14-week counseling session is being initiated to help secondary school females explore their own potential and options within the context of our society. Contact Frances Brent, 227 S. West Street, Findlay 45840.

GRANT CAREER CENTER: A sex bias-free video presentation was developed to be shown to students in grades eight through ten. Both male and female students were shown in nontraditional vocational areas. This program was well received by the students and the enrollment has increased. Contact Billy Fields, 3046 SR 125, Bethel 45106.

HAMILTON CITY SCHOOL DISTRICT: *Nontraditional Careers Enhancement.* A brochure describing our vocational offerings and featuring nontraditional careers was developed for the school district. This brochure was used with students and their parents to encourage nontraditional enrollment in vocational programs. Contact Everett C. Mann, 332 Dayton Street, Hamilton 45012.

JACKSON LOCAL SCHOOL DISTRICT: *Nontraditional Career Awareness Program (CAP).* Seventh and eighth grade students were given the opportunity to participate in the second annual CAP program. Students wishing to participate were asked to rank five career areas they would like to investigate. As time and scheduling permitted, each student was enrolled in three four-hour career exploration activities. Contact Gerald Streator, 7600 Fulton Dr., N.W., Massillon 44646.

KENSTON LOCAL SCHOOL DISTRICT: *Improving Sex Equity in Vocational Education.* Brochures and slide presentations were revised to promote sex equity in our educational programs. They were used to stimulate discussion about sex bias in our society. Contact Thomas H. Wood, 17425 Snyder Road, Chagrin Falls 44022.

KENT STATE UNIVERSITY: A list of sex-stereotyping problems was compiled by surveying females currently enrolled in the Industrial Arts/Technology Education program. Recommendations were made to help eliminate stereotyping. A recruitment plan was formulated targeting northeastern Ohio high school seniors. Contact Dr. Terry Squier, School of Technology, Kent 44242.

LAKE COUNTY JVS: *Nontraditional Careers.* A career choices brochure was developed featuring non-traditional students at Auburn Career Center and the professional satisfaction they have in making this type of a career choice. A special bulletin board was placed in the student center, and four plastic framed enlargements of nontraditional students at work are in the guidance reception area. Additional slides were taken to update the sophomore orientation presentation. Contact Rosemarie Leaman, 8140 Auburn Road, Painesville 44077.

LICKING COUNTY JVS: *Labor Market Information—A Tool for Job Fair Counseling.* The grant allowed counselors from school and public agencies to examine labor market information to help promote more sex-fair counseling. A draft copy of the new O.E.S. Almanac was presented to all counselors by the supervisor of SOOCC. Applications and methods of utilizing OCIS and other documents were presented. Contact Kelly V. Wallace, 150 Price Road, Newark 43055.

LIMA CITY SCHOOLS: *Revision of Vocational Education Program Brochure.* A brochure showing the vocational programs at Lima Senior High was updated and revised for use in recruitment and job placement activities. New photographs and expanded information were included in this publication. Contact Ronald Hagaman, 600 S. Pierce Street, Lima 45804.

LORAIN CITY SCHOOLS: *Nontraditional Student Recruiting Billboards.* A set of professional quality billboards was produced for recruitment purposes in the school district's three high schools. The primary focus of the billboards was on showing nontraditional vocational students dressed in trade clothing. Contact Roscoe Schlachter, 1020 Seventh St., Lorain 44052.

MANSFIELD CITY SCHOOLS: *Nontraditional Students Awareness Program.* Nontraditional students were invited to spend time with nontraditional advisory committee members through a series of meetings. They also shadowed the advisory members on the job. The goal is to increase nontraditional membership in each vocational program. Contact Dr. Carol French or Lee Fundom, 856 W. Cook Road, Ashland 44805.

MARION TECHNICAL COLLEGE: *Assertiveness in Nontraditional Careers.* A workshop covered the following topics: assertiveness, men's and women's communications, and dealing with difficult people. Contact Dr. Connie Schaffer, 1465 Mt. Vernon Avenue, Marion 43302.

MARLINGTON LOCAL SCHOOLS: *Encouraging Girls to Participate in High School Industrial Arts.* A 16-mm eye safety film which shows girls in an industrial arts program was purchased. A bulletin board showing girls and boys in the industrial technology program was developed and displayed. Contact Calvin L. Byder, 10450 Moulin Avenue, Alliance 44601.

MIDDLETOWN CITY SCHOOLS: A nontraditional career brochure was developed and distributed to each eighth and ninth grade student in the school district. Teachers and counselors discussed the nontraditional career information with the students in small groups. A questionnaire focusing on student participation in nontraditional vocational programs and careers was completed by each student. Contact Robert L. Womack, 110 Baltimore Street, Middletown 45044.

MONTGOMERY COUNTY JVS: *Textbook Equity—Computer Sort.* A software package for the IBM Personal Computer was developed for staff use in selecting textbooks and in checking textbooks for sex-biased words. Contact Jim Deeter, 6800 Hoke Road, Clayton 45315.

MORGAN LOCAL SCHOOL DISTRICT: *Exploring Nontraditional Careers by Computers.* The district oriented eighth grade students to nontraditional careers by means of computer software (Career Scan IV). Specific career follow-up information was provided when all eighth grade students visited the Vocational Department at Morgan High School. Contact Alma Elliott, 78 E. Main Street, McConnelsville 43756.

MUSKINGUM AREA JVS: *Women's Entrepreneurial Resource Library.* A computerized cross-referenced materials resource library for women entrepreneurs was established to assist potential or current female business owners within this VEPD. Contact Linda Grubb, 400 Richards Road, Zanesville 43701.

MUSKINGUM AREA TECHNICAL COLLEGE: *Women's Financial Aid Brochure.* A summary of various sources of financial aid was developed to be made available to women. Career planning services were also offered. Contact Gene King, 1555 Newark Road, Zanesville 43701.

NORTH CANTON CITY SCHOOLS: *Improving Sex Equity Through Career Orientation.* An orientation meeting was held which included the high school principal and the elementary principals from the North Canton City Schools, Lake Local Schools and St. Paul's. As a result of this meeting, tours of the vocational programs were scheduled for the eighth grade pupils. In addition to the tours, a slide presentation was given of the North Campus story. Contact J. A. Shurilla, 525 7th Street N.E., North Canton 44720.

NORTHWEST LOCAL SCHOOL DISTRICT: *A Picture is Worth a Thousand Words.* Twenty pictorial illustrations (one for each job training program) have been painted. They will be hung in the halls of the three junior high schools. A rotation plan will be used so that all illustrations will be visible to all our junior high school students. Contact J. Stuart Worl, 3240 Banning Road, Cincinnati 45239.

NORTHWEST TECHNICAL COLLEGE: *Nontraditional Careers for Women, Men and Adult Learners.* A rough draft of the recruitment poster was developed. Input was received from many key people at the college. Photographs were taken depicting students pursuing nontraditional careers, and a local printer refined the project. Contact Dennis Gable, Route 1, Box 246A, Archbold 43502.

OHIO HI-POINT JVS: *World of Work Leadership Institute.* Leaders from the sixth grade were selected to participate in a week-long (half-days) leadership institute. Activities were designed to expose students to nontraditional careers, enhance their respect for the world of work, and to assist in the development of their leadership potential. Forty-eight parents attended the session on the last day. Contact Vicci Elder, 2280 S.R. 540, Bellefontaine 43311.

OHIO STATE UNIVERSITY INDUSTRIAL TECHNOLOGY EDUCATION: *Enhancing Learning Among Girls and Boys Through Practical Activities.* Learning activities occurred with girls and boys in elementary schools and women and men enrolled in the university. With the student personnel available and the cooperative school sites, the decision was made to include five different Columbus elementary schools. The girls and boys had an opportunity to use tools and materials in their classrooms. The women who benefited from this experience were enrolled in a university course in elementary school industrial arts activities. Contact W. D. Umstattd, 190 West 19th Avenue, Columbus 43210.

OHIO STATE UNIVERSITY HUMAN SERVICES DEPARTMENT: *The Effects of a Career Development Curriculum on Vocational Interests, Maturity and Decision-Making of College Females.* A ten-week career development curriculum and facilitator's guide were developed to aid the career decision-making process of undergraduate females who were undecided about choice of career and/or college major. Contact OSU Research Foundation, 1314 Kinnear Road, Columbus 43212.

OHIO VALLEY VOCATIONAL SCHOOL: *Teacher-Student Inservice and Orientation.* Students at the Ohio Valley Vocational School under teacher supervision developed a slide and video cassette program for the purpose of informing new students, prospective students, and teachers about the programs available at the vocational school. An emphasis was placed upon nontraditional students in the programs. Copies were made and are being used for teacher inservice, student orientations and community meetings. Contact Bonnie W. Collins, 175 Lloyd Road, West Union 45693.

OREGON CITY SCHOOLS: *Publication Outreach.* The purpose of the grant was to reorganize and review the vocational handbook to ensure that the publication was free of sex bias. This activity was reinforced with the inclusion of photographs that were free of sex stereotyping. Contact Ed Kachmarik, 5665 Seaman Road, Oregon 43616.

OWENS TECHNICAL COLLEGE: *Braving the Odds.* Successful women engineering alumni were interviewed and short articles on each were written and featured in a promotional brochure. Contact Bill Ivoska, Caller 10,000, Oregon Road, Toledo 43699.

PARMA CITY SCHOOL DISTRICT: *High Tech Orientation.* A course of study, Introduction to Advanced Technology, was designed for boys and girls. Two thousand brochures were printed to describe the course, and these will be distributed to day and night school students. Contact Mary Schleicher, 6285 West 54th Street, Parma 44129.

PENTA COUNTY VOCATIONAL HIGH SCHOOL: *Promotion of Nontraditional Program Selection in Recruitment.* Penta Student Services has rewritten the script of the present slide/tape program used with member school sophomores. The new script now includes a section on nontraditional opportunities available in all Penta programs. The script and corresponding slides depicting nontraditional students are being professionally prepared by a public relations firm and photographic studio. Contact Monty Mees, 30095 Oregon Road, Perrysburg 43551.

PICKAWAY-ROSS JVS: *Eighth Grade Handbook of Vocational Program Offerings.* A descriptive brochure of vocational program offerings was designed, printed and distributed to all eighth grade students in the VEPD. Whenever possible, special attention was given to pictures showing members of both sexes in training stations. Contact Bill Jones, 895 Crouse Chapel Road, Chillicothe 45601.

PIONEER JVS: *Nontraditional Vocational Students, Part 2.* Four 11" x 14" black and white posters were developed showing nontraditional students in cosmetology, machine trades, food services and business education. The posters will be distributed within the VEPD to high schools, middle schools, and elementary schools. Contact Ken Berger, P.O. Box 309, Ryan Road, Shelby 44875.

POLARIS VOCATIONAL CENTER: *A View of Students in Nontraditional Roles.* Twenty-two pictures were taken of students in nontraditional classroom laboratory settings, and these were enlarged to poster size for use in recruiting students into nontraditional careers and for informing parents and other adults about students in nontraditional programs. Contact Charlotte M. Nealeigh, 7285 Old Oak Blvd., Middleburg Hts. 44130.

PORTAGE LAKES JVS: *Sex Discrimination in Vocational Education.* The project included publication of display materials (mostly in the form of professional photographs) which depict students in nontraditional vocational programs. The displays were placed in the JVSD junior high schools and are updated on a monthly basis. Contact Jacqueline L. Jacobus, P.O. Box 248, 4401 Shriver Road, Greensburg 44232.

SOUTH-WESTERN CITY SCHOOLS: *Brochure Designed for Marketing Education Employers and Students.* This project developed and printed a brochure to be used in promoting marketing education to the business community. The major goal was to upgrade the image of marketing education and to create an awareness of the name change to marketing education. One immediate goal is to obtain new training stations and receive the cooperation of key business persons. Contact Ronda Ferguson, 2975 Kingston Avenue, Grove City 43123.

SOUTHERN STATE COMMUNITY COLLEGE: *"She's Nobody's Baby."* The film "She's Nobody's Baby" was viewed by high school, vocational school, and college students in a rural five-county area. The film increased awareness and explored changes in women's roles in the work force. The film was educational as well as inspirational, and it motivated students to explore nontraditional employment. Contact Nancy Wolford, 2698 Old State Route 73, Wilmington 45177.

STARK COUNTY AREA VOCATIONAL SCHOOL: *Updating of Recruiting Materials.* The funds were partially used to update the slide/tape presentation, "Alternatives in Career Education." We also purchased plastic bags with an imprint of the school's name. These will be distributed to all eighth grade students touring the building. In addition it is hoped that all vocational programs will give these touring students a small souvenir from their program that can be placed in the plastic bag. Contact Barbara Van Horn, 6805 Richville Drive S.W., Massillon 44646.

SYLVANIA SCHOOLS: *Gender-Extender Day.* The career-tech counselors presented a career-tech slide presentation to junior high students. Interested eighth grade students signed up for the Gender-Extender Career-Tech Exploration Day. Girls and boys participated in nontraditional career-tech programs. The counselors presented the filmstrip "Jobs and Gender" and discussed nontraditional roles and the world of work. Contact Karen Sziraki, 7225 Sylvania Avenue, Sylvania 43560.

TOLEDO PUBLIC SCHOOLS: *Emerging Women Resource.* Fourteen- and fifteen-year old female junior high school students were provided with career information and counseling resource accessibility to nontraditional occupations and careers. The brochure presents documentaries on five women who made exemplary career choices based on their interests and abilities and not their sex. Contact William N. Krosky, Manhattan and Elm Streets, Toledo 43608.

TRI-COUNTY JVS: *Career Orientation and Recruitment Update.* A new slide presentation was developed to promote nontraditional careers to the ninth grade students within our VEPD. This slide presentation is designed to encourage students to assess their interests and abilities as they prepare to select a career/ program. To allow current vocational education students to present their training program to ninth grade , equipment was purchased which makes their "table-top" demonstrations reflect new and progressive techniques. Contact Grace Essex, Route 1, St. Rt. 691, Nelsonville 45764.

TRUMBULL COUNTY JVS: *Community Awareness of Sex Equity.* A booklet was developed to make available information on traditional and nontraditional settings and activities for persons interested in improving themselves through the Adult Education Department's programs. Contact Melvin M. Pentecost, 528 Educational Highway, Warren 44483.

UNIVERSITY OF CINCINNATI: *A Vocational Information Fair for Women.* A vocational information fair for women was held with representatives from educational and social service agencies to provide information on options and resources. Contact Michael Webb, 350 French Hall, Cincinnati 45221.

UPPER VALLEY JVS: *Increasing Sex Equity Awareness through Visual Stimuli.* An 11" x 17" poster showing pictures of students in nontraditional occupations was printed for distribution to junior high schools in the VEPD. A display area for this poster and other equal opportunity materials was also obtained. Contact Carolyn S. Roberts, 8811 Career Drive, Piqua 45356.

VANGUARD JVS: *Career Options—the Choice is Yours.* Individual displays with 5" x 7" color photographs of students in nontraditional programs were designed for each program area to be set at the end of each table for Sophomore Career Day. Contact Marlene A. Purdy, 1306 Cedar St., Fremont 43420.

WASHINGTON COUNTY JVS: *Revision of Recruitment Brochure.* A committee consisting of administrators, guidance counselors and a job placement coordinator was formed for the purpose of determining new format and content for a recruitment brochure. Final editing and art work were completed and sent to a printer for completion. Contact Gene P. Neely, Route 2, Marietta 45750.

WASHINGTON TECHNICAL COLLEGE: *Marketing Yourself to Employers.* A three-hour workshop was offered to the graduating students entitled "How to Market Yourself to Employers." Topics included the following: how to be a more dynamic you, secrets to successful interviews, what women need to know about the world of work, and dressing for success. Contact Gloria Norris, Route 2, State Route 676, Marietta 45750.

YOUNGSTOWN CITY SCHOOLS: *On With Education and Careers.* A pre-crisis guide was revised and printed for the third year. This is an excellent public service to our community since the supply is depleted each year. Additicnal brochures were developed for our Supportive Resource Center. Contact Jean Knight, 25 N. Watt St., Youngstown 44503.

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